

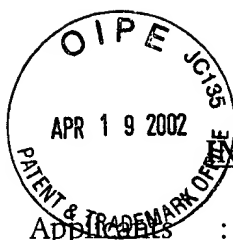
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Dkt. No. 37174/10

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Rajiv Chopra, et al.

Appn. No. : 09/955,737

Filed : September 19, 2001

For : CRYSTAL STRUCTURE OF BACE AND USES THEREOF

Art Unit : 1614

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Pursuant to 37 C.F.R. §§§ 1.56, 1.97 and 1.98, applicants enclose herewith Form PTO/SB/08B and copies of the references listed thereon that were cited in a Search Report that was mailed on February 13, 2002 by the International Searching Authority in connection with a related PCT application. The Examiner is respectfully requested to fully consider the references and to independently ascertain their teaching. No fee is deemed necessary in connection with the filing of this Amendment. If any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 01-1785.

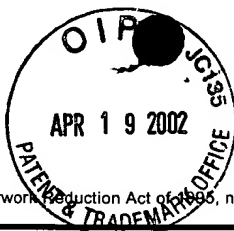
Respectfully submitted,

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Dated: April 19, 2002  
New York, New York

By

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/955,737
		Filing Date	September 19, 2001
		First Named Inventor	Rajiv Chopra
		Group Art Unit	1614
		Examiner Name	Not known
		Attorney Docket Number	37174/10
Sheet	1	of	1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Hong, et al., Structure of the Protease Domain of Memapsin 2 (Beta-Secretase) Complexed with Inhibitor, Science 290 (5489):150.	
	2	Sauder, et al., Modeling of Substrate Specificity of the Alzheimer's Disease Amyloid Precursor Protein Beta-Secretase, J. Mol. Bio. (2000) 300(2):241-248	
	3	Vassar, et al., Beta-Secretase Cleavage of Alzheimer's Amyloid Precursor Protein by the Transmembrane Aspartic Protease BACE, Science, 286:735-741, 22 October, 1999.	
	4	Scheidig, et al., Crystal Structures of Bovine Chymotrypsin and Trypsin Complexed to the Inhibitor Domain of Alzheimer's Amyloid Beta-Protein Precursor (APPI) and Basic Pancreatic Trypsin Inhibitor (BPTI): Engineering of Inhibitors with Altered Specificities, The Protein Society, September 1997, 6:1806-1824.	
	5	Kohno, et al., Three-Dimensional Structures of the Amyloid Beta Peptide (25-35) in Membrane-Mimicking Environment, Biochemistry 1996, 35:16094-16104.	
	6	Bailey, et al., X-ray-crystallographic Studies of Complexes of Pepstatin A and a Statine-Containing Human Renin Inhibitor with Endothiapepsin, Biochem.J. (1993) 289:363-371.	
	7	Hynes, et al., X-ray Crystal Structure of the Protease Inhibitor Domain of Alzheimer's Amyloid Beta-Protein Precursor, Biochemistry 1990, 29:10018-10023.	
	8	Zhang, et al., Sequence-specific Recognition of the Internalization Motif of the Alzheimer's Amyloid Precursor Protein by the X11 PTB Domain, The EMBO Journal, Vol. 61, No. 20:6141-6150, 1997.	
	9	Marchinkeviciene, et al., Mechanism of Inhibition of Beta-Site Amyloid Precursor Protein-cleaving Enzyme (BASE) by a Statine-based Peptide, The Journal of Biological Chemistry, Vol. 276, No. 26, Issue of June 29, 2001, 23790-23794.	
	10	Rossjohn, et al., Crystal Structure of the N-terminal, Growth Factor-like Domain of Alzheimer Amyloid Precursor Protein, Nature Structural Biology, Vol. 6, No. 4, April 1999.	

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Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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